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5'- GGCGUCACACC U

Figure 1. Sequence and structure of 27mer RNA target

16S A Site rRNA

5'- GGCGUCA CACC U

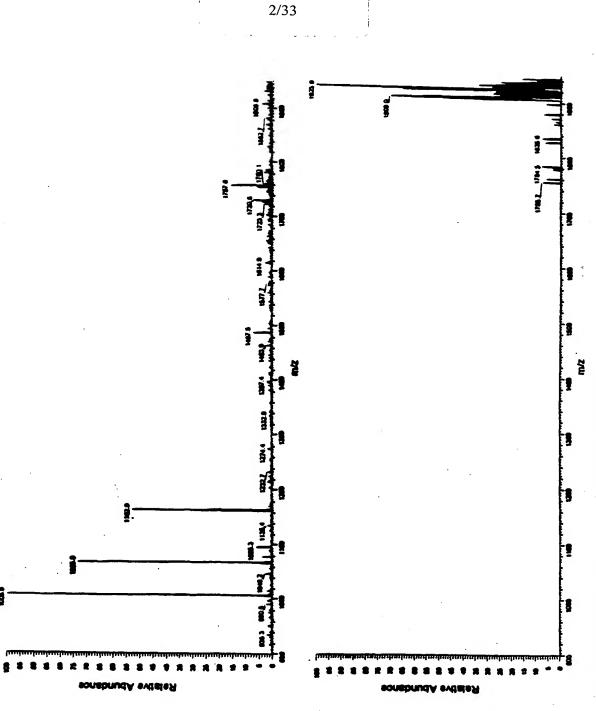


Figure 2. MS/MS of control RNA/DNA (upper); control+paromomycin (lower)

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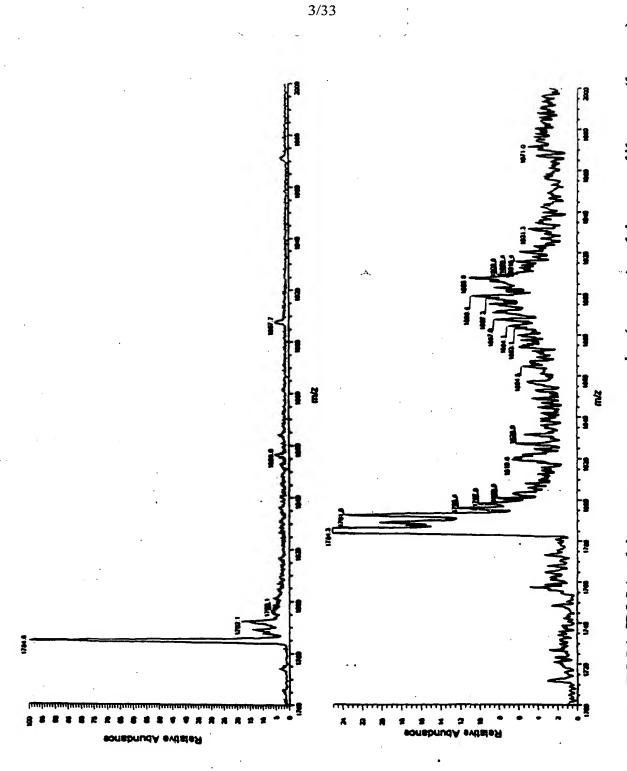


Figure 3. RNA/DNA chimera+paramomycin (upper); chimera+library (lower)

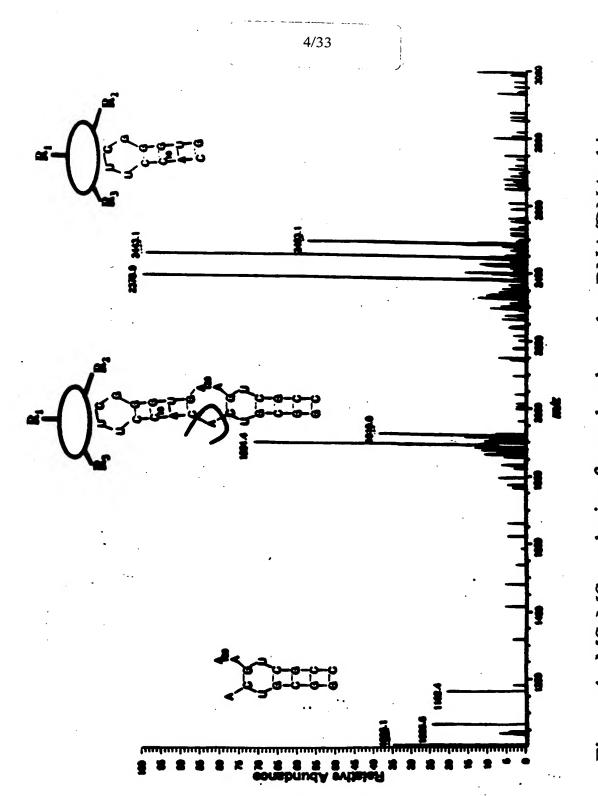


Figure 4. MS-MS analysis of member bound to RNA/DNA chimera

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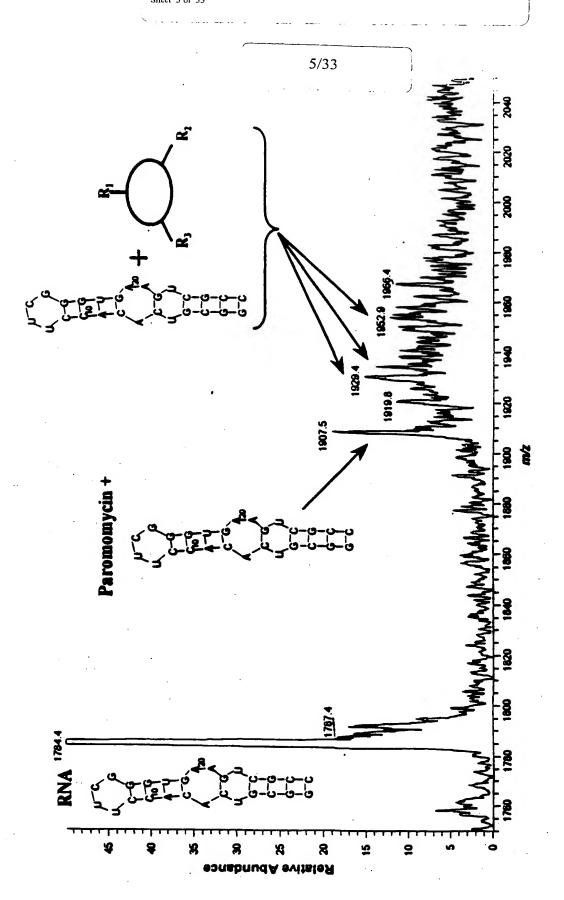


Figure 5. ESI-MS of RNA/DNA chimera bound to paromomycin and library

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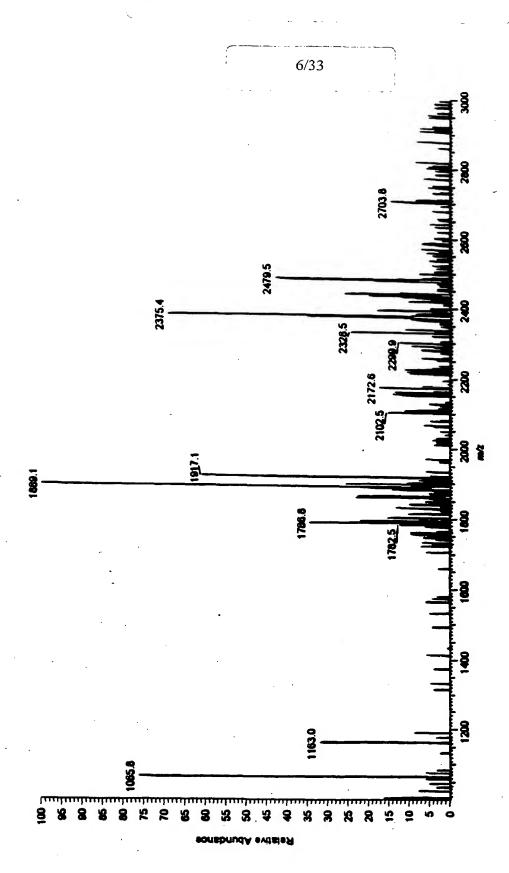
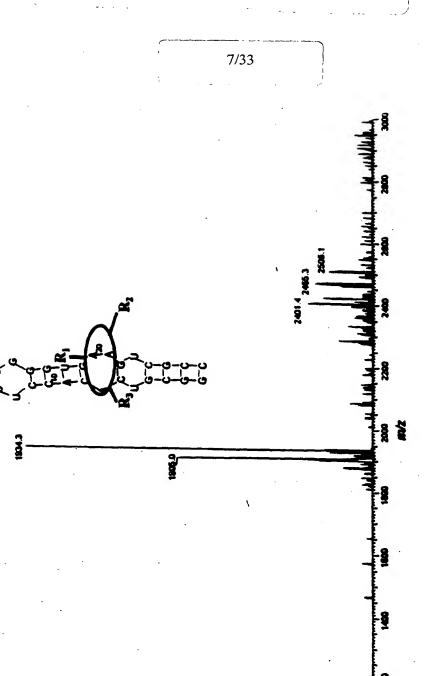


Figure 6. MS/MS of RNA/DNA chimera + compound with mass 665.1 not bound at the A-site



Relative Abundance

Figure 7. MS-MS analysis of member bound to RNA/DNA chimera at the A-Site



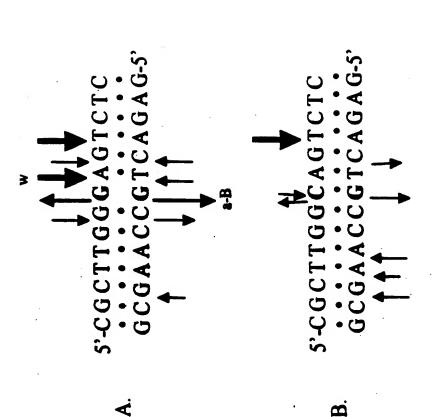


Figure 8. MS Fragmentation of DNA:DNA duplexes

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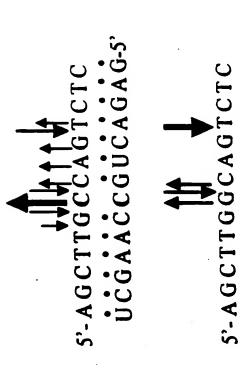
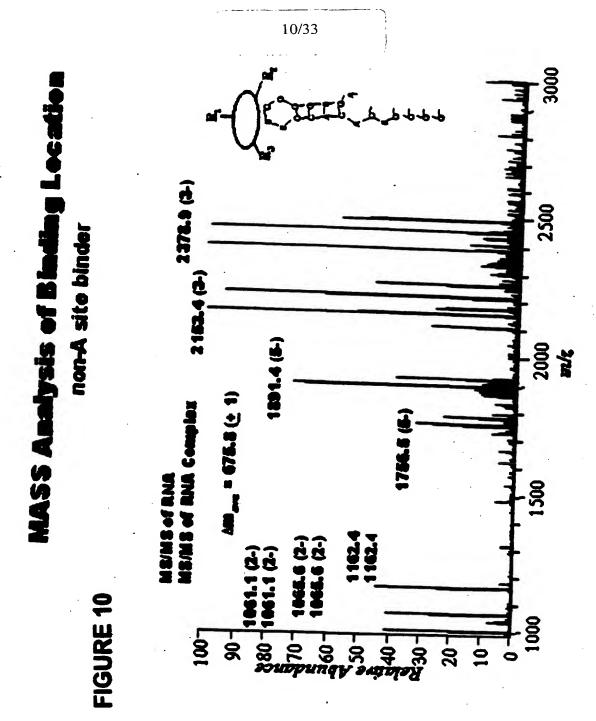


Figure 9. MS Fragmentation of DNA:RNA duplexes

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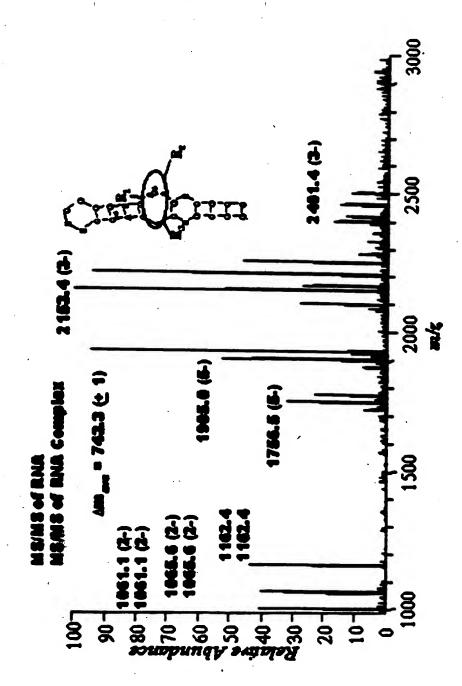
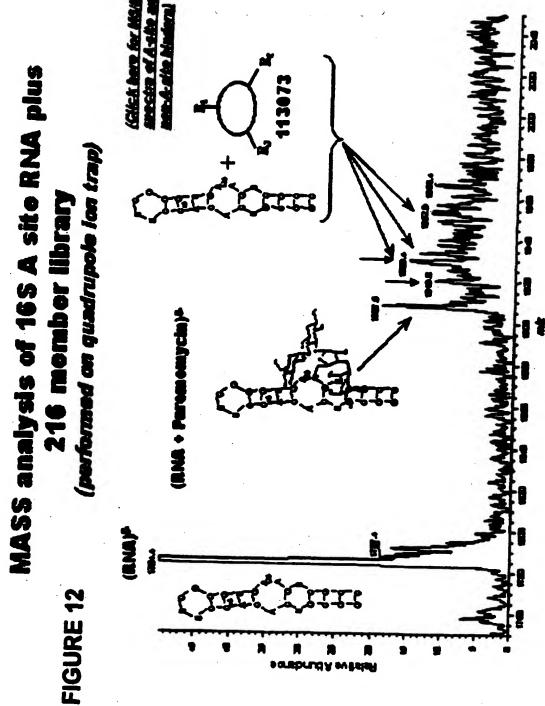


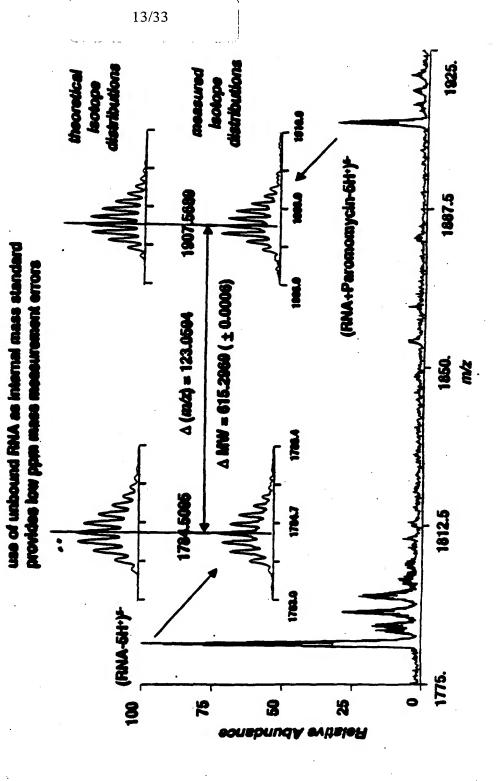
FIGURE 11

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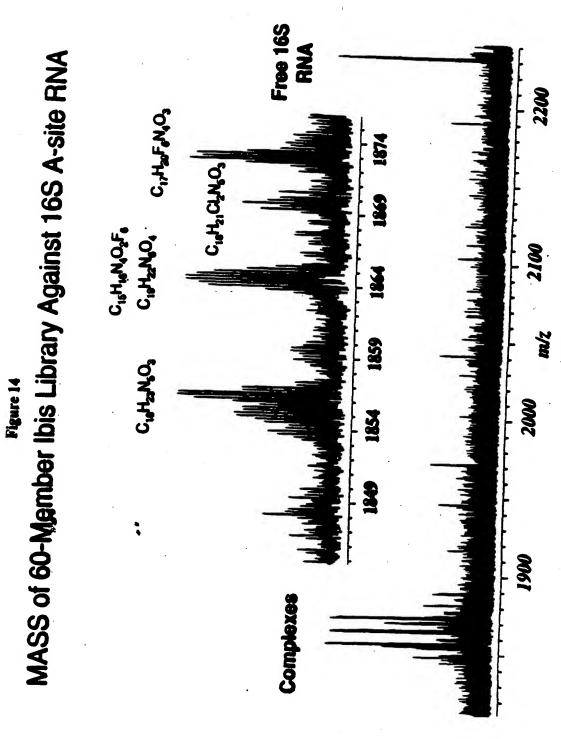
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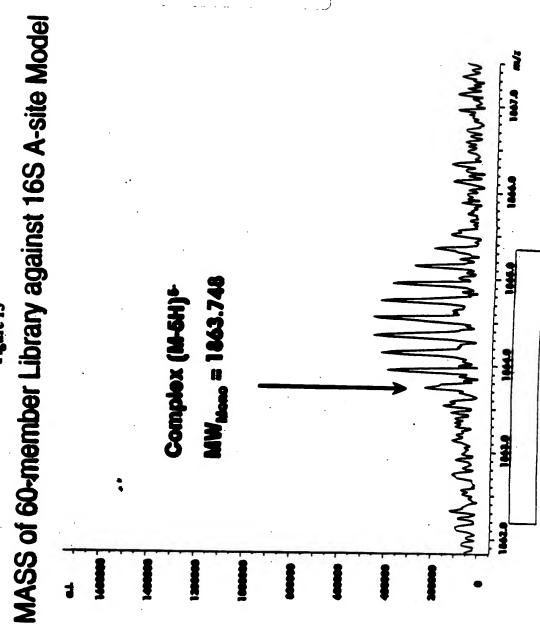




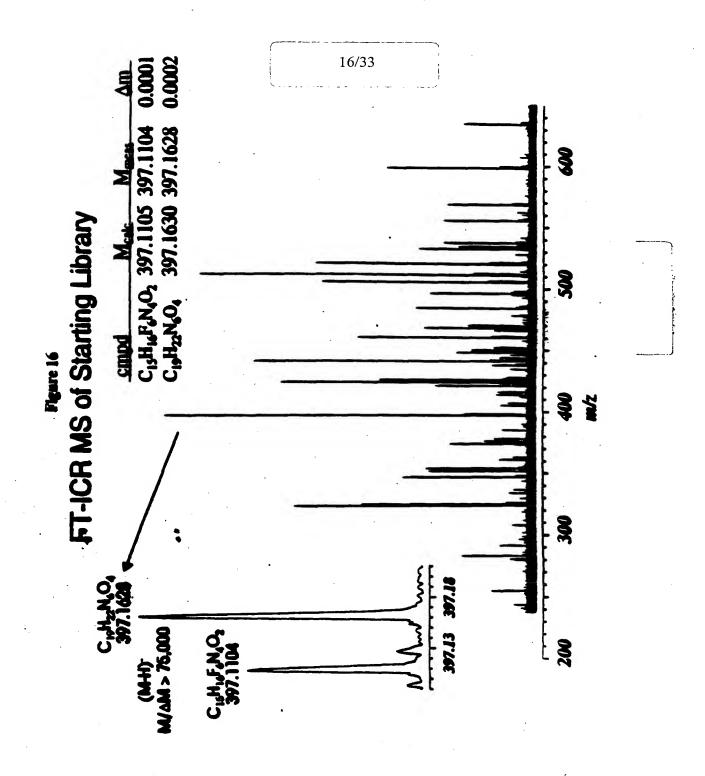
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Compound Identification from a 60-member Combinatorial library with MASS

9320.300±.009 Da	8922.189±.009	398.111+.009 Da
Complex M _{mess}	RNA Mmess	N/O

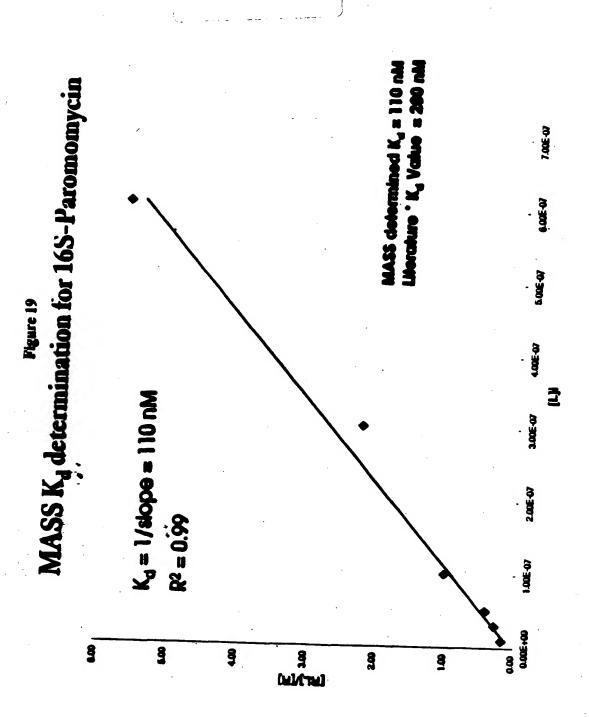
398.117 Da	998:163 -
C15H16N,O2F6	-CiottzNiO,

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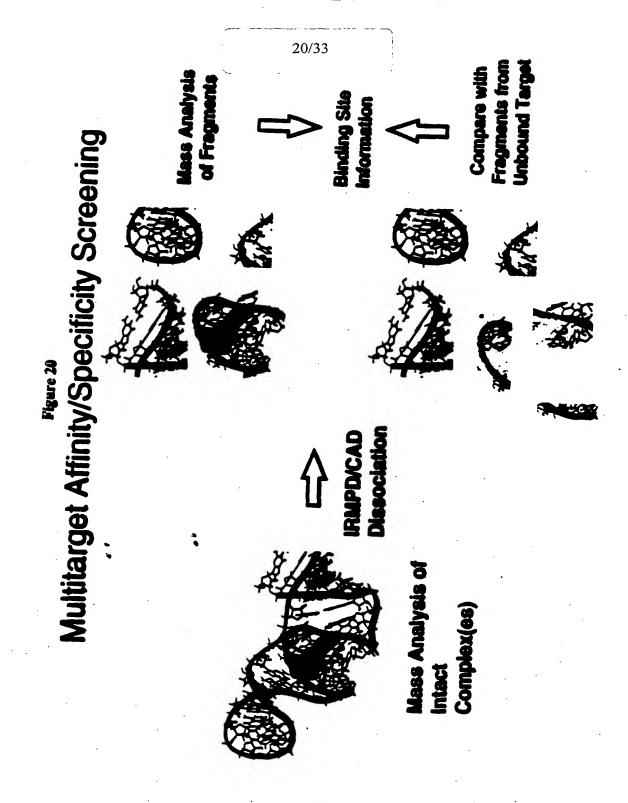
18/33 "Scaffold" C₁₂H₂₃N₃O₇ Molecular Formula Figure 18 Elemental Composition Constraints Max. atoms Possible Elemental Compositions: នទនន Measured Mass: 615.2969 Error (ppm) Mass Tolerance: 1.0 ppm 0.98 \$ Element Min. atoms 22 615.296298 615.296305 615.296808 615.29629 Calc. Mass Charge: 0 (amu)

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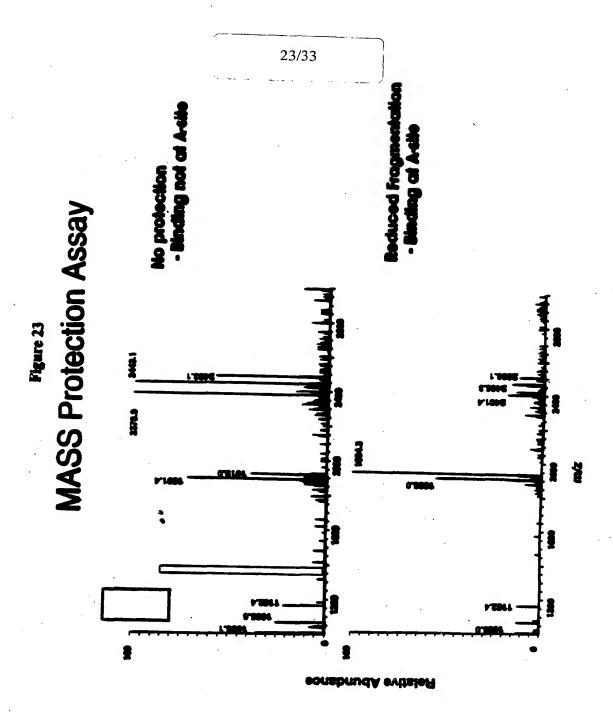


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MASS Analysis of 27 Member Library with 16S A-site RNA

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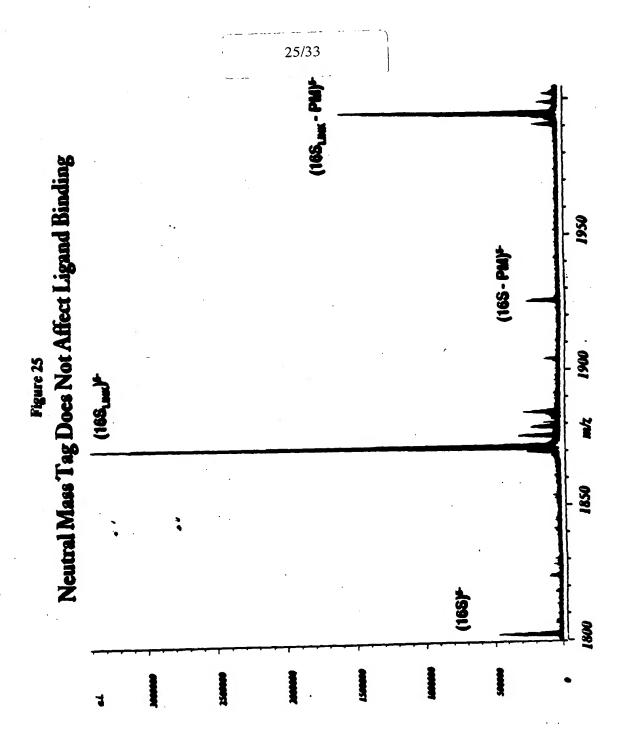
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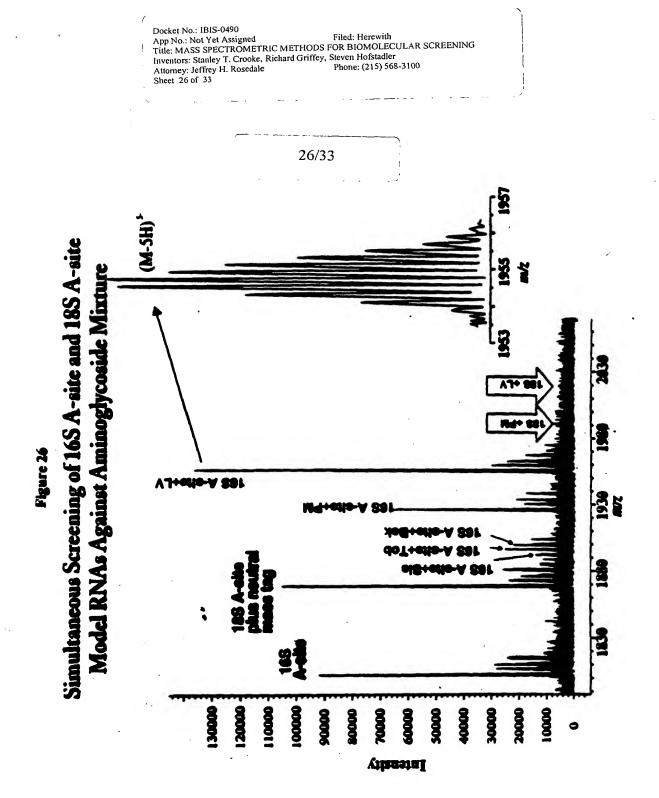


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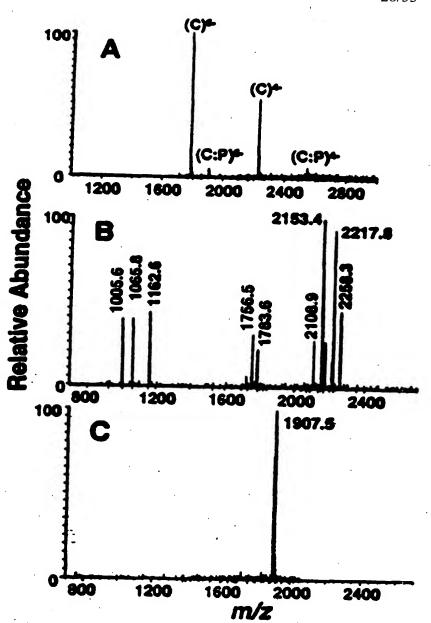
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Figure 27

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Figure 28

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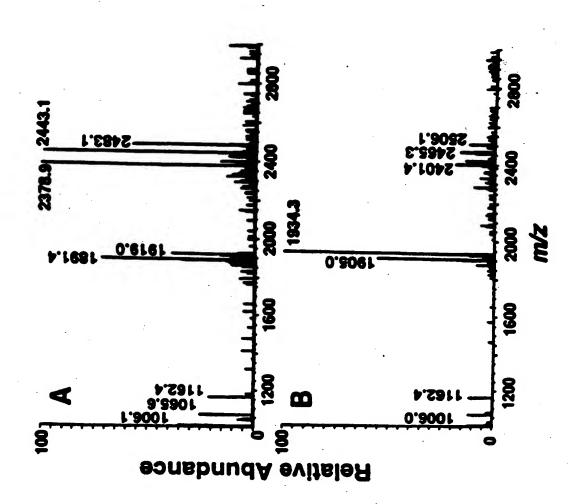


Figure 29

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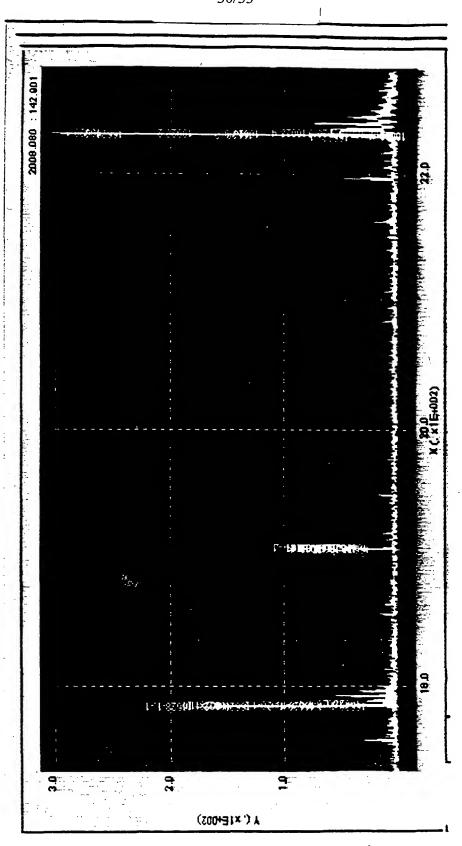


Figure 30

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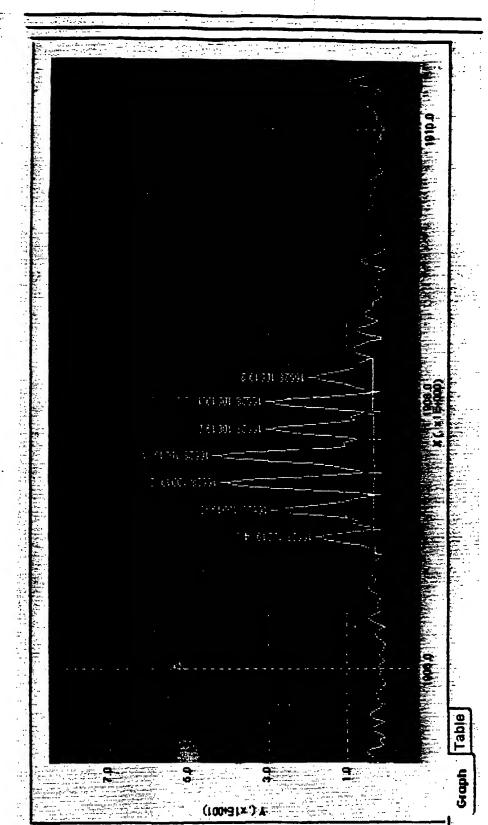


Figure 31

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